

THE PLATINUM PACKAGING GROUP

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PLATINUM GP-G FILMS (General Purpose)			FILM DATA SHEET		
Composition	Platinum is a coated polyester film and is Exceptionally strong.				
Purpose	Platinum GP-G film is a general purpose film engineered to achieve strong peelable seals to APET, CPET, PVC, PP, PE, HDPE, OPS, HIPS, PS, ABS, Aluminium, Coated and uncoated paper and CPET trays without an APET seal layer. Principally, GP-G is used for seal to CPET trays and aluminium. GP-G is microwaveable and ovenable. It can also be frozen or chilled.				
Sealing	Platinum GP-G film will also seal through a certain degree of contamination of sealing flanges but flanges should be kept clean				
Conversion	Platinum GP-G film can be supplied printed and can be laminated to other films.				
Liability	Platinum film complies with all European and FDA regulations, including cooking. Whilst Platinum takes all precautions to ensure that their lidding films are suitable for the application intended, the ultimate responsibility lies with the food packer to ensure that the film is suitable for their purpose.				
PROPERTY	UNIT		REFERENCE & VALUE		
Thickness		DIN 53370	GP 50 gauge PET	GP 75 gauge PET	GP 100 gauge PET
Weight of unit area	GSM		23.8	32.2	39.2
Weight of unit area	Lbs per ream		14.61	19.77	24.07
Yield	Msi / lb		29540	21834	17935
Water vapour transmission rate	gms/100sq" /24 hours 38°C, 90% RH	DIN 53380	1.7	1.6	1.0
Oxygen transmission rate @ 23°C	cm3/100sq" /da v/1 bar	DIN 53380	6.5	5.5	4.5
Tensile strength at break, MD	daN/mm2	ASTM D 882	18	20	20
Tensile strength at break, TD	daN/mm2	ASTM D 882	21	22	22
Elongation at break, MD	%	DIN 53455	135	130	130
Elongation at break, TD	%	DIN 53455	105	100	100
Shrinkage, MD	%	300°F/30mn	2.	2.	2.
Shrinkage, TD	%	300°F/30mn	0.5	0.5	0.5
Heat sealing range	°F		340-410°F	340-410°F	340-410°F
Max temp at sealing tools	°F		440°F	440°F	440°F
Seal strength	lb/inch		1.3-1.5	1.3-1.5	1.3-1.5
Low temp resistance	°F		Up to -50°F	Up to -50°F	Up to -50°F
Peelability	Peelable throughout its life hot or cold. GP-G films are smooth cold peel films.				
Special properties	Peelable seal To APET, Unlined CPET, PVC, PP, PE, OPS, HIPS, PS, ABS, Aluminium, Paper.				
Ovenability	All Platinum GP-G PET films are microwaveable and ovenable.				
Sealing	In general, sealing layers can be provided to seal to any base. Can also be printed.				
Availability of thicknesses	Available in 50, 75 & 100 Gauge. Any non standard gauges can be discussed and provided if possible				
Disclaimer	All data stated are approximate and to the best of our knowledge. We assume no liability.				